

TIPS FOR ELECTROSTIMULATOR USE

While using the device it may happen that the intensity of the work does not exceed 6/7 or 10 mA (depends on the models).

This happens when the device does not find a valid connection (an impedance during the supply of current) and goes into protection, blocking.

If you try 'at table', without using the inserted probe or adhesive electrodes attached to the skin, it is normal for it to go into protection.

If, however, it is used correctly, the possible causes could be:

1. *probe not correctly inserted*
2. *probe not suitable for the patient's anatomy*
3. *use of a non-electrically conductive gel*
4. *probe damaged*
5. *probe deteriorated (at the end of its functionality)*
6. *electrodes not adhering perfectly to the skin*
7. *damaged electrodes*
8. *deteriorated electrodes (at the end of their functionality)*
9. *damaged device cable*

TESTS TO BE CARRIED OUT

to understand the cause and solve the problem

- A. Connect the probe to the device and immerse it in a glass of water until it completely covers the metal electrodes.
- B. Connect the probe to the device and immerse it in a glass of water until it completely covers the metal electrodes.

Adhesive electrodes can be used on the skin instead of a probe immersed in water (the electrodes must be new).

If the intensity rises above 10 mA both the device and the probe are functioning

The malfunction is therefore caused by one of the following factors:

1. *probe not correctly inserted*
2. *probe not suitable for the patient's anatomy*
3. *use of a non-electrically conductive gel*

SOLUTIONS:

1. *Relax your muscles as much as possible, insert the probe, wait the time necessary for it to reach body temperature, adjust its positioning by trying to insert it more or less deeply and, if the model allows it, rotating it. We recommend using an electrically conductive gel (saline based)*
2. *Change probe model (consult the therapist)*
3. *Use an electrically conductive gel (saline based)*

***If the intensity DOES NOT rise above 10 mA,
we need to carry out further testing to establish what the problem is.***

- C. connect cable to the electrostimulator without probe or adhesive electrodes
- D. choose a program preferably with direct current (without the rest phase)
- E. match the two metal pins of the cable by crossing them over each other and holding them firmly between your fingers
- F. raise the intensity beyond 10 mA (your fingers will not feel anything).
- G. Do the same test on the other channel.



If the intensity rises above 10 mA the device works correctly

The malfunction is therefore caused by the probe or electrodes:

- 4. *probe damaged*
- 5. *probe deteriorated (at the end of its functionality)*
- 6. *electrodes not adhering perfectly to the skin*
- 7. *damaged electrodes*
- 8. *deteriorated electrodes (at the end of their functionality)*

SOLUTIONS:

- 4. *replace the damaged probe*
- 5. *replace the damaged probe (at the end of its functionality)*
- 6. *replace electrodes that do not adhere perfectly to the skin*
- 7. *Replace damaged electrodes*
- 8. *replace the deteriorated electrodes (at the end of their functionality)*

If the plugs of the device cable are 'covered', it is only possible to carry out the test with the probe in the water or with electrodes positioned on the skin.

If the intensity DOES NOT rise above 10 mA the cause could be:

- 9. *damaged device cable*

SOLUTION:

- 9. *Take the other cable contained in the box and repeat the same tests.*

***If the intensity CONTINUES NOT to rise above 10 mA
the device must be sent for repair to
MED ITALIA SERVICE S.R.L.S. – VIA DELLE BAROZZE, 6 A – ROCCA DI PAPA (RM) - ITALY***

If the device is not working, it will be sent for repair under warranty, within the terms of the law.
If the device is found to be working, it will be returned to the sender with shipping costs charged.

Watch the video on our website www.meditaliaservice.com